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Attached is an AFTER FINAL response for:

Applicants: Andrew J. Turberfield et al.**Application No.: 10/088,403****Filing date: 11/11/2002****Title: Photonic Crystal Materials****Art Unit: 1752****Examiner: Thorl Chea**

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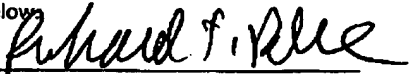
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Docket No.: 480821.90116

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Richard T. Roche, Reg. No. 38,599**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Applicants: Andrew J. Turberfield *et al.*

Application No.: 10/088,403

Filing date: 11/11/2002

Title: Photonic Crystal Materials

Art Unit: 1752

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AMENDMENT AND RESPONSE TO FINAL ACTION

Mail Stop AF
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Sir:

This is in response to the final Office Action mailed on November 30, 2004. The three month deadline for response was February 28, 2005. Applicants attach a request for a two-month extension of time to extend the deadline to April 30, 2005.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 6 of this paper.